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*North America's Leader in Hazardous Material Information Management*  
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## MSDS PRODUCT INFORMATION

Date: 10/07/2005  
To: MSDS Requester  
From: 3E Company  
Subject: The MSDS you have requested

☐ MSDS NOT REQUIRED

In response to your request for a Material Safety Data Sheet, according to the OSHA Hazard Communication Standard (Right-to-Know), the following item is an article. Articles are defined in 29 CFR 1910.1200(c). Products such as Drugs, cosmetics, food, or alcoholic beverages, wood or wood products, and tobacco or tobacco products, as defined in 29 CFR 1910.1200(b)(6), are exempt from the Hazard Communication Standard. Items that are considered articles, as defined in 29 CFR 1910.1200(c), are also exempt from this Standard. Therefore, the manufacturer is not required to provide an MSDS for this product.

☐ MSDS DISCONTINUED PRODUCT

In response to your request for a Material Safety Data Sheet, the manufacturer has discontinued the product listed below. The MSDS Attached is the most current version, or an MSDS is no longer available.

☐ MSDS BEST COPY AVAILABLE

The MSDS attached is the best copy available from the manufacturer.

☒ MANUFACTURER NO LONGER IN BUSINESS

In response to your request for a Material Safety Data Sheet, a current MSDS could not be obtained for this product. It has been determined that the manufacturer listed below is no longer in business. A current address and phone number could not be located.

Manufacturer: Dexol Division of Ringer Corporation  
Product Name: Dexol Brand Ant, Roach & Spider Spray 2

**MATERIAL SAFETY DATA SHEET**  
(Complies with OSHA CFR 1910.1200, ANSI Z 400.1-1993)

**SECTION 1: Chemical Product & Company Identification**

**Product Name(s):** Dexol® Brand Ant, Roach & Spider Spray 2

**EPA Number:** 192-186

**Manufacturer Name & Address:** Dexol, a division of Verdant Brands Inc. 9555 James Avenue S., Ste 200, Bloomington, MN 55431

**Telephone Contact Number & Hours of Operation:** (612) 703-3300, 8:00 a.m. - 5:00 Central Time

**Emergency Telephone Contact Number:** Chemtrec 800-424-9300

**SECTION 2: Composition/Information on Ingredients**

Hazardous Ingredients(*)	% by weight	CAS No.	OSHA TWA	PEL STEL	ACGIH TWA	TLV STEL
pyrethrins	0.05	8003-34-7	5 mg/m <sup>3</sup> (*)	NE	5 mg/m <sup>3</sup> (*)	NE
permethrin	0.2	52645-53-1	5 mg/m <sup>3</sup> (*)	NE	5 mg/m <sup>3</sup> (*)	NE
bicyclo(2,2,1)heptene-2-dicarboxylic acid, 2-ethylhexylimide (MGK 264)	0.25	113-48-4	NE	NE	NE	NE
liquified petroleum gas	-	68476-85-7	1800 mg/m <sup>3</sup>	NE	1800 mg/m <sup>3</sup>	NE

\* all ingredients in quantities > 1.0 % (0.1 % for carcinogens or teratogens) that are potentially hazardous per OSHA definitions

\*\* as pyrethrum

**SECTION 3: Hazards Identification**

**EMERGENCY OVERVIEW**

**Physical description:** Milky white liquid

**Odor:** Mild odor of petroleum solvent

**Physical Hazards:** Container may explode violently in heat of fire. Concentrated vapors are flammable.

**Potential Health Effects:** This material may be moderately irritating to the eyes and skin, and inhalation may result in a runny nose and scratchy throat. Personnel responding to a spill of this material would likely encounter no other substantial hazards.

**SECTION 4: First Aid Measures**

**Skin Contact:** Wash with plenty of soap and water. Get medical attention if irritation persists.

**Ingestion:** If swallowed, promptly drink large amounts of water. Never give liquids to an unconscious person. Get medical attention. DO NOT INDUCE VOMITING

**Eye Contact:** Immediately flush eyes with water for at least 15 minutes. Call a physician if irritation persists.

**Inhalation:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

**NOTES TO PHYSICIAN:** The minimum lethal dose is in the range of 10 to 100 grams.

**SECTION 5: Fire Fighting Measures**

**Extinguishing media:** CO<sub>2</sub>, dry chemical, foam

**Hazardous products of combustion:** not determined

**Protective Equipment:** Use SCBA and bunker gear.

**NFPA CODES:** FIRE: 2 HEALTH: 1 REACTIVITY: 0

**Flashpoint:** 151 °F (TCC - est. for non-volatiles)

**Autoignition temperature:** not determined

**SECTION 6: Accidental Release Measures**

**Spills:** Eliminate ignition sources. Absorb spill with sorbent and transfer into containers for proper disposal (See Disposal Comments in Section 13). Clean area with detergent and water.

**SECTION 7: Handling & Storage**

**Storage:** Stored in well-closed, upright containers at a temperature less than 40 deg C, preferably between 15-30 deg C., out of reach of children. Do not contaminate water, food or feed by storage or disposal. Do not reuse container.

**SECTION 8: Exposure Controls & Personal Protective Equipment**

**Skin:** Protective gloves (nitrile) recommended

**Eye Protection:** Recommended to avoid splashing of material directly into eyes

**Respiratory:** In typical applications no engineering controls should be needed; if industrial hygiene surveys show that occupational exposure limits may be exceeded, use NIOSH approved respirator with dust/mist cartridges, or mechanical ventilation.

**SECTION 9: Physical & Chemical Parameters****Appearance:** milky white**Odor:** mild odor**Physical state:** liquid**pH:** not determined**Solubility in water:** emulsion**Bulk Density:** not determined**Vapor pressure:** not determined**Vapor density:** not determined**Boiling point:** not determined**Freezing point:** not determined**SECTION 10: Stability & Reactivity****Stability:** stable**Conditions to avoid:** excessive heat**Incompatibilities:** Concentrated mineral supplements (fertilizers), strong oxidizers, acids**Hazardous polymerization:** will not occur**SECTION 11: Toxicological Information**

**Note to Consumers:** Information provided in this section is oriented to medical and public health professionals involved in the assessment and treatment of excessive and/or accidental exposures.

**Permethrin:** Oral LD<sub>50</sub> = >5,000 mg/kg Dermal LD<sub>50</sub> = >5,000 mg/kg Inhalation LC<sub>50</sub> = >5,000 mg/m<sup>3</sup>**Pyrethrins:** Oral LD<sub>50</sub> = >5,000 mg/kg Dermal LD<sub>50</sub> = >2,000 mg/kg Inhalation LC<sub>50</sub> = >5,000 mg/m<sup>3</sup>**Not a contact sensitizer. Carcinogens:** None listed per OSHA, NTP, or IARC**SECTION 12: Ecological Information**

**Ecotoxicity:** May be hazardous to aquatic invertebrates. Do not apply directly to water; do not contaminate water by cleaning of equipment or disposal of washwaters.

**Environmental Fate:** MGK 264 is expected to bioconcentrate moderately in aquatic organisms. Vapor-phase MGK 264 is estimated to degrade rapidly (half-life 1 hr).

**SECTION 13: Disposal Considerations**

This material (as packaged) is not considered a hazardous waste. Be aware that the waste owner has responsibility for final disposal. Regulations may also apply to empty containers, liners or rinsate. Laws may change or be reinterpreted; state and local regulations may be different from federal regulations. This information applies to materials as manufactured; contamination or processing may change waste characteristics and requirements.

**SECTION 14: Transport Information****DOT Hazard Description:** Consumer Commodity, ORM-D**SECTION 15: Regulatory Information****CERCLA RQ:** 1 lb**SARA TPQ:** 10,000 lbs.

**Individual States:** States such as Pennsylvania, New Jersey, California, Vermont, Massachusetts and Rhode Island may all have components of this product listed; consult specific state regulatory requirements for additional information.

**SECTION 16: Other Information**

For additional information, refer to the American Conference of Governmental Industrial Hygienists (ACGIH) documentation of TLV's (Threshold Limit Values) for individual components and the DOT Emergency Response Guidebook.

**This information is provided in good faith, but without express or implied warranty.**